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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 403769/PUREUN |
| | | CLIENT REF. NO. |
| | | U.S. APPLICATION NO. 10/585982 (See 37 CFR 1.5) |
| INTERNATIONAL APPLICATION NO. PCT/KR2005/000223 | INTERNATIONAL FILING DATE April 21, 2005 | PRIORITY DATE CLAIMED January 30, 2004 |
| TITLE OF INVENTION APPARATUS OF GENERATING GLOW PLASMA ON A WIDE SURFACE UNDER ATMOSPHERIC PRESSURE | | |
| APPLICANT(S) FOR DO/EO/US KIM et al. | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491. | | |
| 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491. | | |
| 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). | | |
| 4. <input type="checkbox"/> The US has been elected (PCT Article 31). | | |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 USC 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). | | |
| 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 USC 371(c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has previously been submitted under 35 U.S.C.V. 154(d)(4). | | |
| 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. | | |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)). | | |
| 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 USC 371(c)(4)). | | |
| 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)). | | |
| 11. Nucleotide and/or Amino Acid Sequence Submission <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper Copy c. <input type="checkbox"/> Statement verifying identity of above copies | | |
| Items 12 to 20 below concern other document(s) or information included: | | |
| 12. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of References (except for U.S. patents and applications) | | |
| 13. <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | |
| 14. <input checked="" type="checkbox"/> A FIRST preliminary amendment. | | |
| 15. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. | | |
| 16. <input type="checkbox"/> A substitute specification. | | |
| 17. <input type="checkbox"/> A change of power of attorney and/or address letter. | | |
| 18. <input checked="" type="checkbox"/> Application Data Sheet Under 37 CFR 1.76 | | |
| 19. <input checked="" type="checkbox"/> Return Receipt Postcard | | |
| 20. <input checked="" type="checkbox"/> Other items or information: International Search Report (PCT/ISA/210) | | |

SEND TO: U.S. Patent and Trademark Office, Customer Service Window, Mail Stop PCT, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/585982 | | INTERNATIONAL APPLICATION NO. PCT/KR2004/000223 | ATTORNEY DOCKET NO. 403769/PUREUN | CLIENT REF. NO. |
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|--|--------------|---|---------|-----------------------|------------------|
| The following fees are submitted: | | | | CALCULATIONS | PTO USE ONLY |
| 21. <input checked="" type="checkbox"/> Basic national fee \$300 | | | | \$300.00 | |
| 22. <input type="checkbox"/> Examination Fee | | | | | |
| If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 | | | | \$ | |
| All other situations \$200 | | | | | |
| 23. <input type="checkbox"/> Search Fee | | | | | |
| USPTO was ISA \$100 | | | | \$ | |
| Search report provided to USPTO by other entity \$400 | | | | | |
| All other situations \$500 | | | | | |
| TOTAL OF 21, 22 AND 23 = | | | | \$300.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | \$ | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | / 50 = | | x \$250 | | |
| <input type="checkbox"/> Surcharge of \$130 for furnishing the National fee or oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total Claims | - 20 = | | x \$ 50 | \$ | |
| Independent Claims | - 3 = | | x \$200 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | \$(150.00) | |
| SUBTOTAL= | | | | \$150.00 | |
| <input type="checkbox"/> Processing fee of \$130 for furnishing English Translation later than 30 months from the earliest claimed priority date. | | | | \$ | |
| TOTAL NATIONAL FEE= | | | | \$150.00 | |
| <input type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property. | | | | \$ | |
| TOTAL FEES ENCLOSED= | | | | \$150.00 | |
| | | | | Amount to be refunded | \$ |
| | | | | Amount to be charged: | \$ 150.00 |

a. ☐ No fee is believed to be due.

b. ☒ Please charge Deposit Account No. 12-1216 the total fee indicated above.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1216. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO CUSTOMER NO. 23548:

23548

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Date: July 13, 2006